

Title (en)

A color filter array in a color image pickup device

Title (de)

Farbfilteranordnung in Farbbildaufnahmegerät

Title (fr)

Un filtre-réseaux colorés dans un appareil de prise de vues en couleurs

Publication

**EP 0944267 A3 20010314 (EN)**

Application

**EP 99200730 A 19990311**

Priority

US 4281498 A 19980317

Abstract (en)

[origin: EP0944267A2] A color filter array for an image sensor which has a plurality of pixels is disclosed. The color filter array includes a plurality of color pixel kernels, with each kernel having the plurality of pixels arranged in the following pattern A C D B wherein: A and B are companion colors; and C and D are companion colors. <IMAGE>

IPC 1-7

**H04N 9/04**

IPC 8 full level

**H04N 9/04** (2006.01); **H04N 9/07** (2006.01)

CPC (source: EP US)

**H04N 25/136** (2023.01 - EP US); **H04N 2209/046** (2013.01 - EP US); **H04N 2209/049** (2013.01 - EP US)

Citation (search report)

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- [PX] JP H10164603 A 19980619 - CANON KK
- [A] US 5631703 A 19970520 - HAMILTON JR JOHN F [US], et al

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Designated contracting state (EPC)

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**EP 0944267 A2 19990922**; **EP 0944267 A3 20010314**; **EP 0944267 B1 20080924**; DE 69939609 D1 20081106; JP 2000050294 A 20000218; US 6330029 B1 20011211

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**EP 99200730 A 19990311**; DE 69939609 T 19990311; JP 7077699 A 19990316; US 4281498 A 19980317